

# Thomas Meehan

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🌐 <http://geodraw.org>

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## Education

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### Master of Computer Science (Machine Learning)

Georgia Institute of Technology

*Jan 2020 - Expected: Dec 2022*

- **Knowledge-Based AI:** design and implementation AI agents that can address complex tasks
- **Educational Technology:** research, design, and agile development of personal project GeoDraw
- **Intro to OS:** multi-threading, inter-process communication, distributed interactions via RPC

### Bachelor of Science in Mathematics

University of Massachusetts Amherst

*Sep 2010 - May 2014*

## Tech Skills

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Python, Flask, TensorFlow, SQL, C/C++, Docker, Kubernetes, AWS/GCP, JavaScript, React, Git

## GeoDraw (Sole Developer)

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GeoDraw helps kids learn to write letters. It facilitates handwriting practice on touchscreens by using image recognition. Developed with Kubernetes, Docker, Javascript, Flask, Tensorflow Serving, on the Google Cloud Platform. User accounts and learning management systems are currently in development.

## Certifications

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### TensorFlow Developer

DeepLearning.AI Professional Certificate

*Mar 2020*

### AWS Certified Solutions Architect Associate

Amazon Web Services Professional Certificate

*Dec 2019 - Dec 2022*

## Career

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### Everett Public Schools

English-Learner Math Teacher

**Everett, MA**

*Aug 2017 - Present*

- Teach various math subjects to English Language Learners by implementing Spanish and Portuguese during lessons. Acquired the Sheltered English Immersion endorsement in 2018.
- Enhanced student learning by pushing for the inclusion of computers in the classroom, and using educational tools such as Khan Academy, I-ready, and Prodigy Math.
- Work with other teachers and counselors to track and make educational decisions based on student data.
- Effectively communicate with students, family, and school administration to support individual learning needs.

### Homesite Insurance

Product Analyst

**Boston, MA**

*Apr 2016 - Jul 2017*

- Conducted reviews of rates, rules, underwriting, and product offerings. Summarized and presented findings to the Product Management team.
- Developed processes and reports to track key business metrics, analyzed and interpreted data using SQL, and SAS.
- Single-handedly automated a time consuming department process with VBA scripting of Microsoft Office products.